

**VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION  
FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS**

**PART D-VI: LAND APPLICATION AGREEMENT - BIOSOLIDS AND INDUSTRIAL RESIDUALS**

A. This land application agreement is made on 3/14/16 between Edgar Allan Bocock, Jr., referred to here as "Landowner", and Houff's Feed & Fertilizer, referred to here as the "Permittee". This agreement remains in effect until it is terminated in writing by either party or, with respect to those parcels that are retained by the Landowner in the event of a sale of one or more parcels, until ownership of all parcels changes. If ownership of individual parcels identified in this agreement changes, those parcels for which ownership has changed will no longer be authorized to receive biosolids or industrial residuals under this agreement.

**Landowner:**

The Landowner is the owner of record of the real property located in Augusta County, Virginia, which includes the agricultural, silvicultural or reclamation sites identified below in Table 1 and identified on the tax map(s) attached as Exhibit A.

Table 1.: Parcels authorized to receive biosolids, water treatment residuals or other industrial sludges			
<u>Tax Parcel ID</u>	<u>Tax Parcel ID</u>	<u>Tax Parcel ID</u>	<u>Tax Parcel ID</u>
66-43	74-139Y1	75-4E	<u>66-38</u>
66-44	74-139Z	75-5	<u>66-42B</u>
66-44E	75-2D	75-5B	<u>66-43B</u>
74-139X	75-4A	75-6	<u>74-139</u>
74-139Y	75-4C	75-9E	<u>74-139A</u>

☐ Additional parcels containing Land Application Sites are identified on Supplement A (check if applicable)

Check one:

- ☐ The Landowner is the sole owner of the properties identified herein.  
☒ The Landowner is one of multiple owners of the properties identified herein.

In the event that the Landowner sells or transfers all or part of the property to which biosolids have been applied within 38 months of the latest date of biosolids application, the Landowner shall:

1. Notify the purchaser or transferee of the applicable public access and crop management restrictions no later than the date of the property transfer; and
2. Notify the Permittee of the sale within two weeks following property transfer.

The Landowner has no other agreements for land application on the fields identified herein. The Landowner will notify the Permittee immediately if conditions change such that the fields are no longer available to the Permittee for application or any part of this agreement becomes invalid or the information herein contained becomes incorrect.

The Landowner hereby grants permission to the Permittee to land apply residuals as specified below, on the agricultural sites identified above and in Exhibit A. The Landowner also grants permission for DEQ staff to conduct inspections on the land identified above, before, during or after land application of permitted residuals for the purpose of determining compliance with regulatory requirements applicable to such application.

<u>Class B biosolids</u>	<u>Water treatment residuals</u>	<u>Food processing waste</u>	<u>Other industrial sludges</u>
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Edgar Allan Bocock, Jr.  
Landowner – Printed Name, Title

  
Signature

12979 St. Rt. 273 E, Rushsylvania, OH 43347  
Mailing Address

PH: 540-234-9246

**Permittee:**

Houff's Feed & Fertilizer, the Permittee, agrees to apply biosolids and/or industrial residuals on the Landowner's land in the manner authorized by the VPA Permit Regulation and in amounts not to exceed the rates identified in the nutrient management plan prepared for each land application field by a person certified in accordance with [§10.1-104.2 of the Code of Virginia](#).

The Permittee agrees to notify the Landowner or the Landowner's designee of the proposed schedule for land application and specifically prior to any particular application to the Landowner's land. Notice shall include the source of residuals to be applied.

☐ I reviewed the document(s) assigning signatory authority to the person signing for landowner above. I will make a copy of this document(s) available to DEQ for review upon request. (Do not check this box if the landowner signs this agreement)

Timothy J. Grove  
Permittee – Authorized Representative  
Printed Name

  
Signature

97 Railside Drive, Weyers Cave, VA 24486  
Mailing Address

# VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION: PART D-VI LAND APPLICATION AGREEMENT

Permittee: Houff's Feed & Fertilizer

County or City: Augusta

Landowner: Edgar Allan Bocock, Jr.

## Landowner Site Management Requirements:

I, the Landowner, I have received a DEQ Biosolids Fact Sheet that includes information regarding regulations governing the land application of biosolids, the components of biosolids and proper handling and land application of biosolids.


I have also been expressly advised by the Permittee that the site management requirements and site access restrictions identified below must be complied with after biosolids have been applied on my property in order to protect public health, and that I am responsible for the implementation of these practices.

I agree to implement the following site management practices at each site under my ownership following the land application of biosolids at the site:

1. Notification Signs: I will not remove any signs posted by the Permittee for the purpose of identifying my field as a biosolids land application site, unless requested by the Permittee, until at least 30 days after land application at that site is completed.
2. Public Access
  - a. Public access to land with a high potential for public exposure shall be restricted for at least one year following any application of biosolids.
  - b. Public access to land with a low potential for public exposure shall be restricted for at least 30 days following any application of biosolids. No biosolids amended soil shall be excavated or removed from the site during this same period of time unless adequate provisions are made to prevent public exposure to soil, dusts or aerosols;
  - c. Turf grown on land where biosolids are applied shall not be harvested for one year after application of biosolids when the harvested turf is placed on either land with a high potential for public exposure or a lawn, unless otherwise specified by DEQ.
3. Crop Restrictions:
  - a. Food crops with harvested parts that touch the biosolids/soil mixture and are totally above the land surface shall not be harvested for 14 months after the application of biosolids.
  - b. Food crops with harvested parts below the surface of the land shall not be harvested for 20 months after the application of biosolids when the biosolids remain on the land surface for a time period of four (4) or more months prior to incorporation into the soil,
  - c. Food crops with harvested parts below the surface of the land shall not be harvested for 38 months when the biosolids remain on the land surface for a time period of less than four (4) months prior to incorporation.
  - d. Other food crops and fiber crops shall not be harvested for 30 days after the application of biosolids;
  - e. Feed crops shall not be harvested for 30 days after the application of biosolids (60 days if fed to lactating dairy animals).
4. Livestock Access Restrictions:

Following biosolids application to pasture or hayland sites:

  - a. Meat producing livestock shall not be grazed for 30 days,
  - b. Lactating dairy animals shall not be grazed for a minimum of 60 days.
  - c. Other animals shall be restricted from grazing for 30 days;
5. Supplemental commercial fertilizer or manure applications will be coordinated with the biosolids and industrial residuals applications such that the total crop needs for nutrients are not exceeded as identified in the nutrient management plan developed by a person certified in accordance with §10.1-104.2 of the Code of Virginia;
6. Tobacco, because it has been shown to accumulate cadmium, should not be grown on the Landowner's land for three years following the application of biosolids or industrial residuals which bear cadmium equal to or exceeding 0.45 pounds/acre (0.5 kilograms/hectare).

  
Landowner's Signature

  
Date

**VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION  
FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS**

**PART D-VI: LAND APPLICATION AGREEMENT - BIOSOLIDS AND INDUSTRIAL RESIDUALS**

A. This land application agreement is made on 3/14/16 between Linda Sue Bocock, referred to here as "Landowner", and Houff's Feed & Fertilizer, referred to here as the "Permittee". This agreement remains in effect until it is terminated in writing by either party or, with respect to those parcels that are retained by the Landowner in the event of a sale of one or more parcels, until ownership of all parcels changes. If ownership of individual parcels identified in this agreement changes, those parcels for which ownership has changed will no longer be authorized to receive biosolids or industrial residuals under this agreement.

**Landowner:**

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74-139X	75-4A	75-6	74-139
74-139Y	75-4C	75-9E	74-139A

74-139S  
74-139W

☐ Additional parcels containing Land Application Sites are identified on Supplement A (check if applicable)

TJG

Check one:

- ☐ The Landowner is the sole owner of the properties identified herein.  
☒ The Landowner is one of multiple owners of the properties identified herein.

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<u>Class B biosolids</u>	<u>Water treatment residuals</u>	<u>Food processing waste</u>	<u>Other industrial sludges</u>
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Linda Sue Bocock  
Landowner – Printed Name, Title

Linda Sue Bocock  
Signature

12979 St. Rt. 273 E, Rushsylvania, OH 43347  
Mailing Address

PH: 540-234-9246

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Houff's Feed & Fertilizer, the Permittee, agrees to apply biosolids and/or industrial residuals on the Landowner's land in the manner authorized by the VPA Permit Regulation and in amounts not to exceed the rates identified in the nutrient management plan prepared for each land application field by a person certified in accordance with [§10.1-104.2 of the Code of Virginia](#).

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Timothy J. Grove  
Permittee – Authorized Representative  
Printed Name

[Signature]  
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97 Railside Drive, Weyers Cave, VA 24486  
Mailing Address

**VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION: PART D-VI LAND APPLICATION AGREEMENT**

Permittee: Houff's Feed & Fertilizer

County or City: Augusta

Landowner: Linda Sue Bocock

**Landowner Site Management Requirements:**

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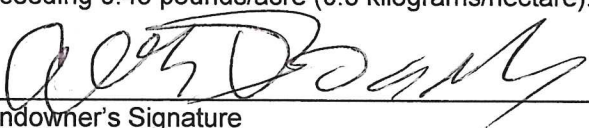
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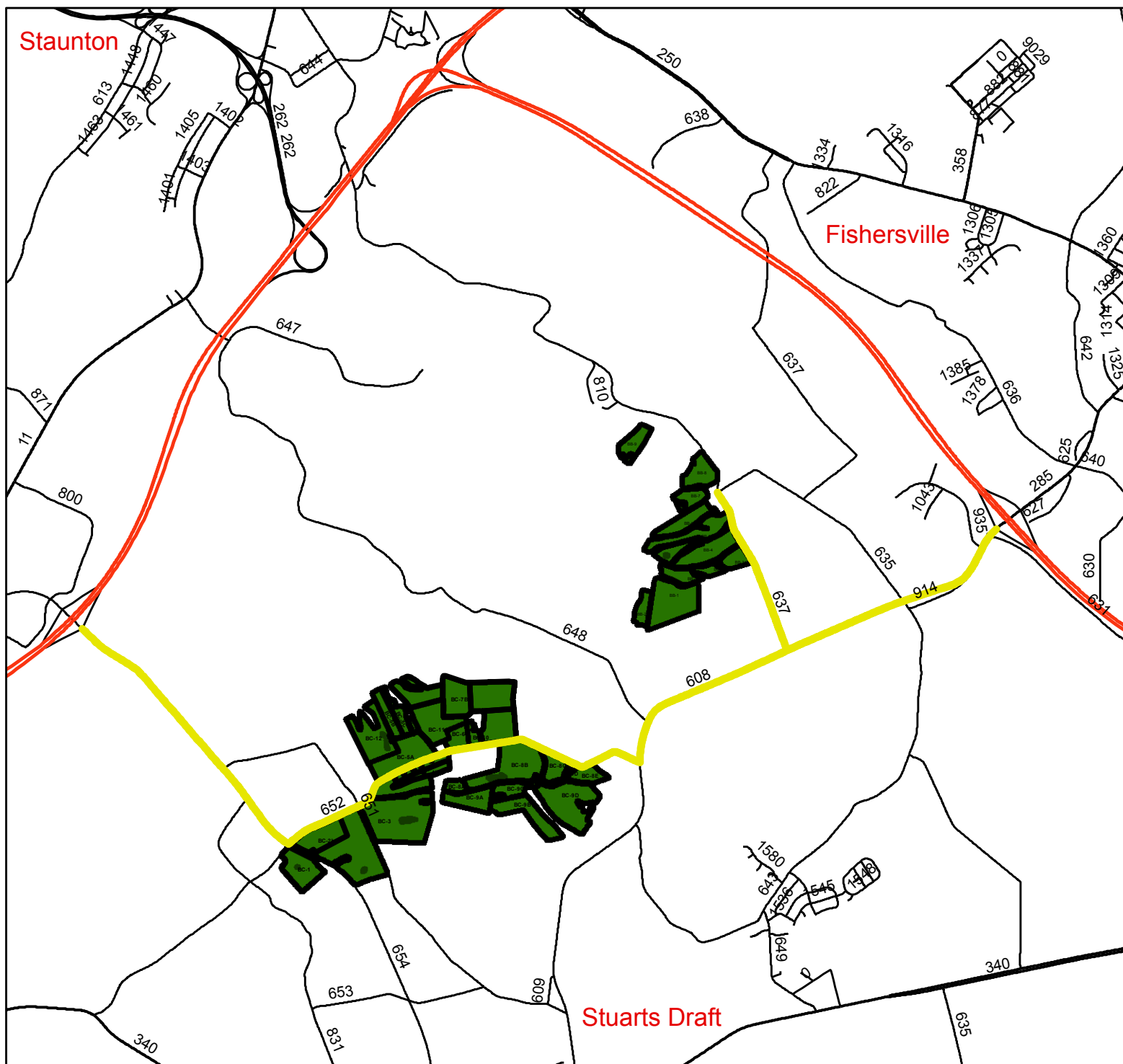
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Landowner's Signature

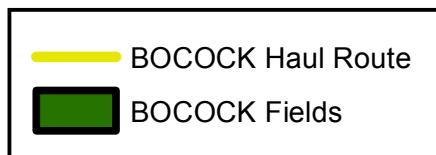
  
Date

Site: BOCOCK  
Owner: Allan and Linda Bocock  
Operator: Steve Fitzgerald

General Location Map  
(with common haul routes)

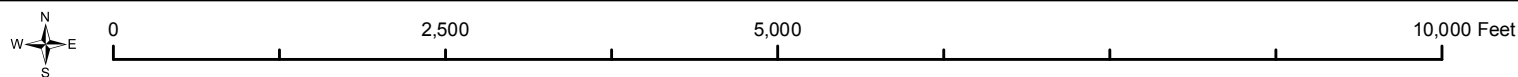
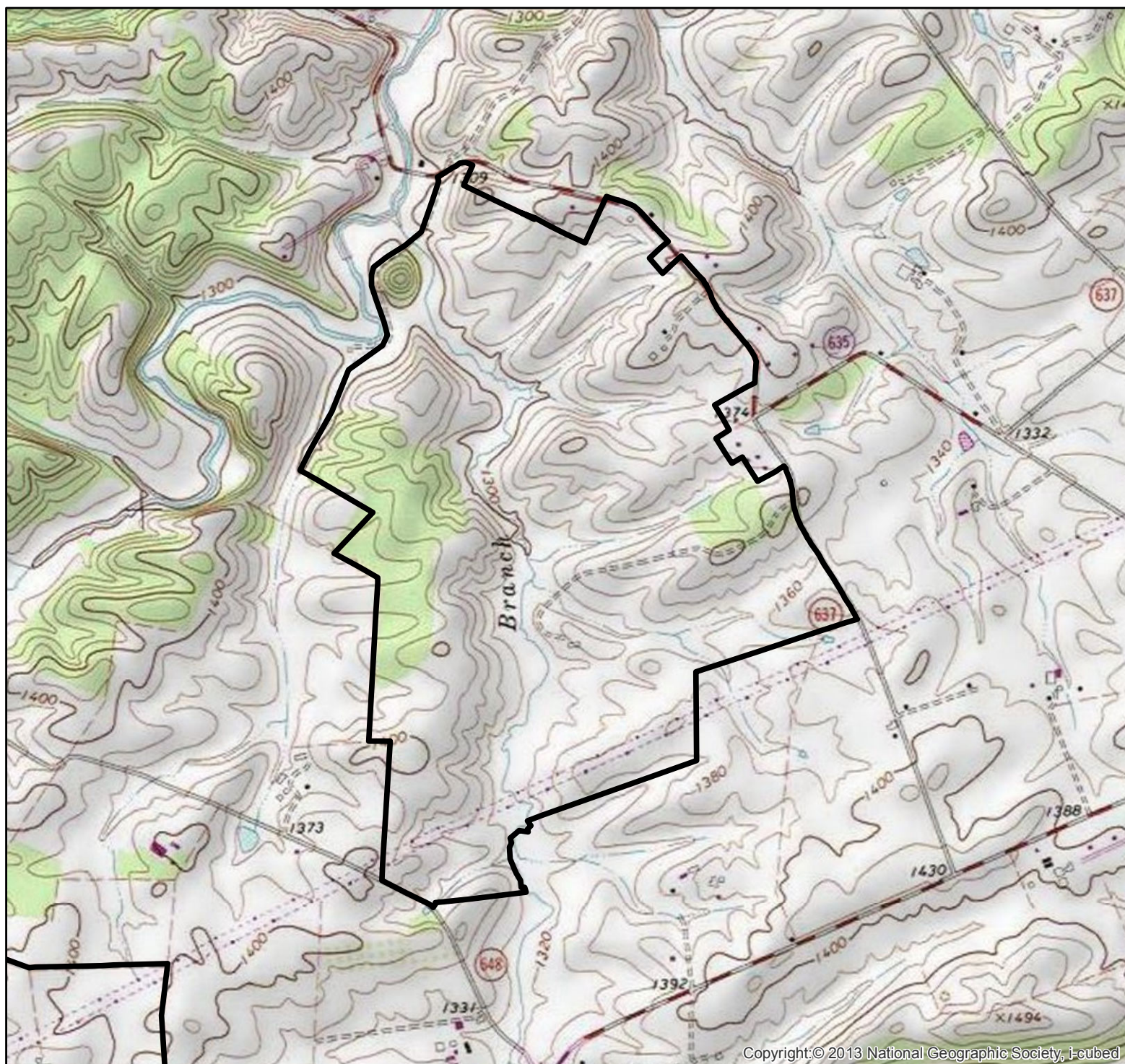


Date: 09/05/2018



Site: BOCOCK  
Owner: Allan and Linda Bocock  
Operator: Steve Fitzgerald

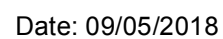
Topographic Map  
BB Fields







Date: 09/05/2018

# Topographic Map

## BC Fields

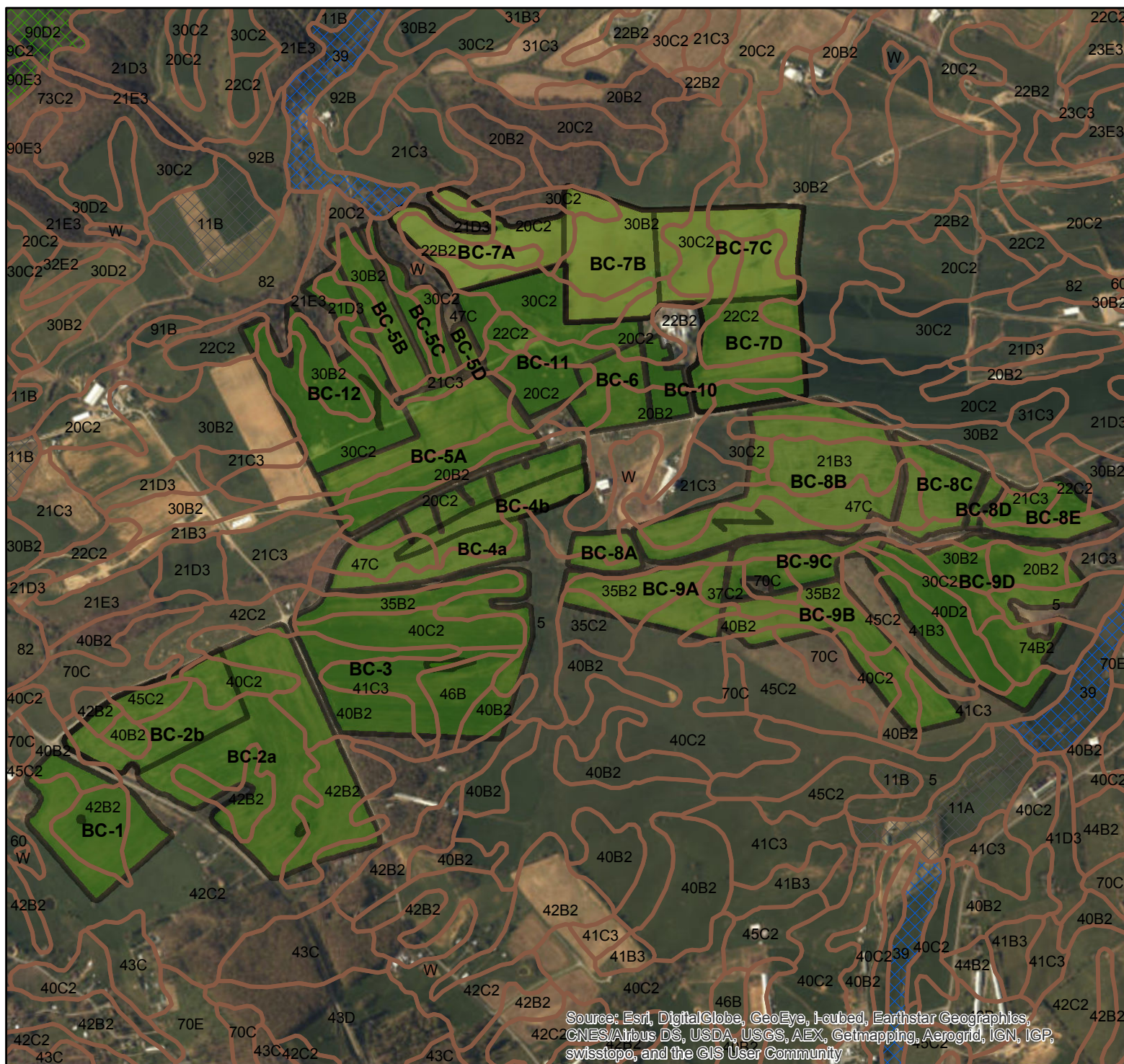


Soils Map  
BB Fields

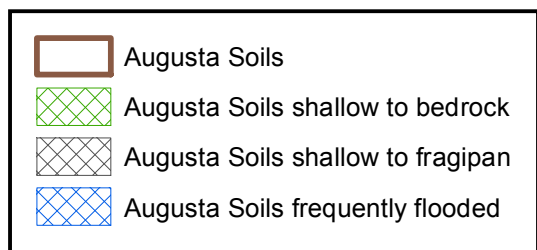
-  Augusta Soils
-  Augusta Soils shallow to bedrock
-  Augusta Soils shallow to fragipan
-  Augusta Soils frequently flooded

Site: BOCOCK  
Owner: Allan and Linda Bocock  
Operator: Steve Fitzgerald

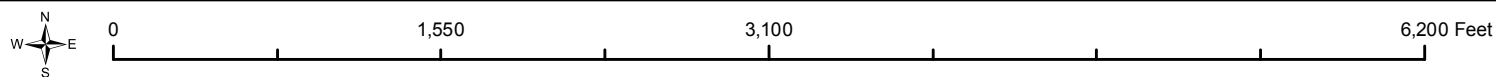
## Soils Map BC Fields



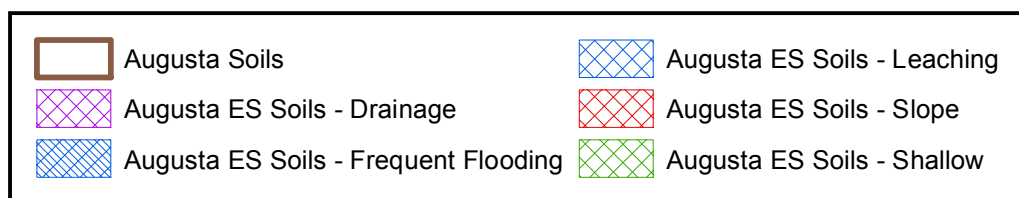
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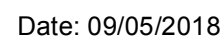
## Sensitive Soils Map for NMP BB Fields

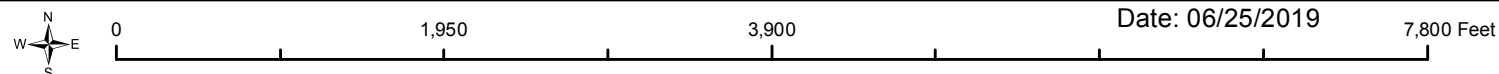
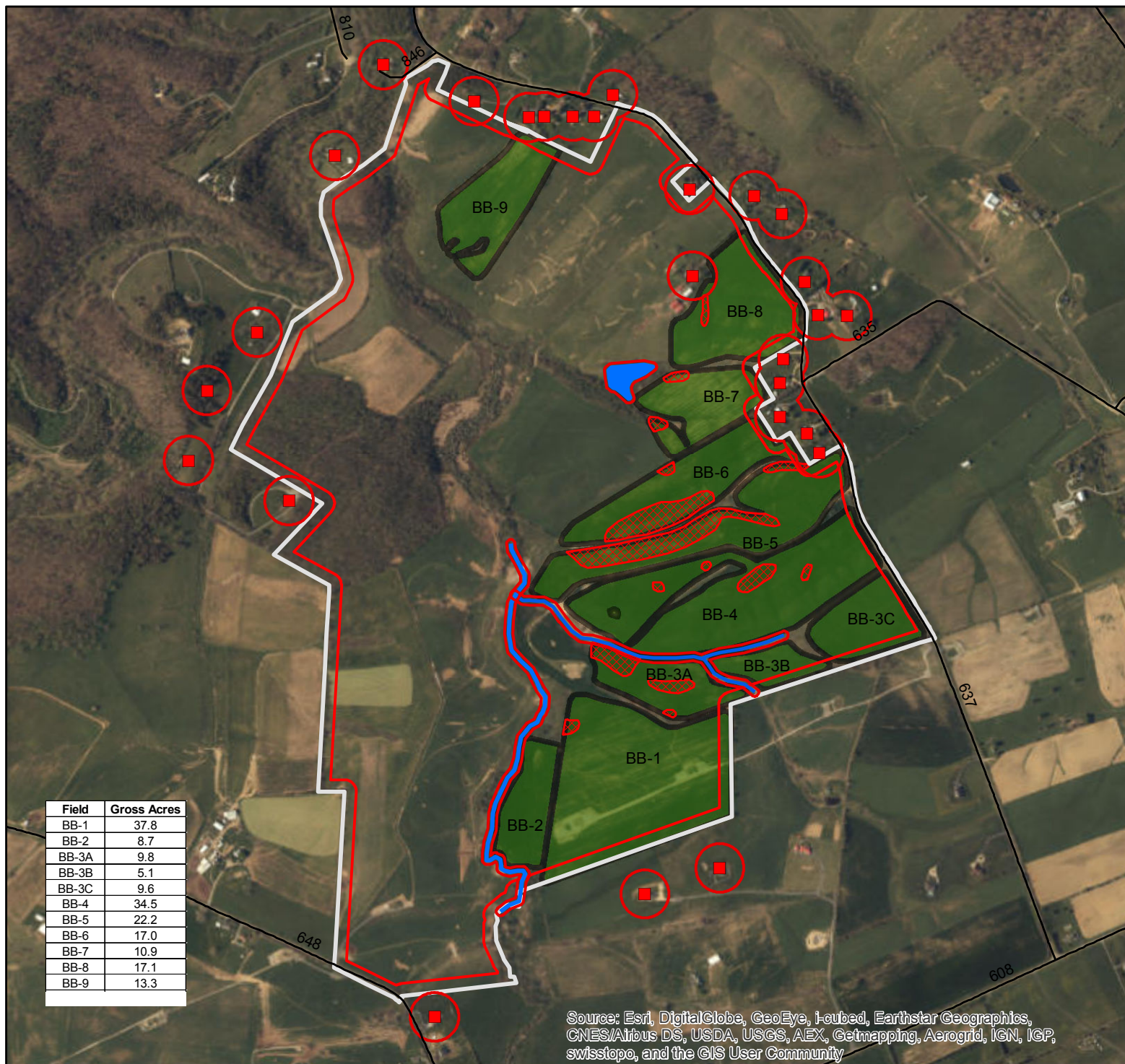


Date: 09/05/2018



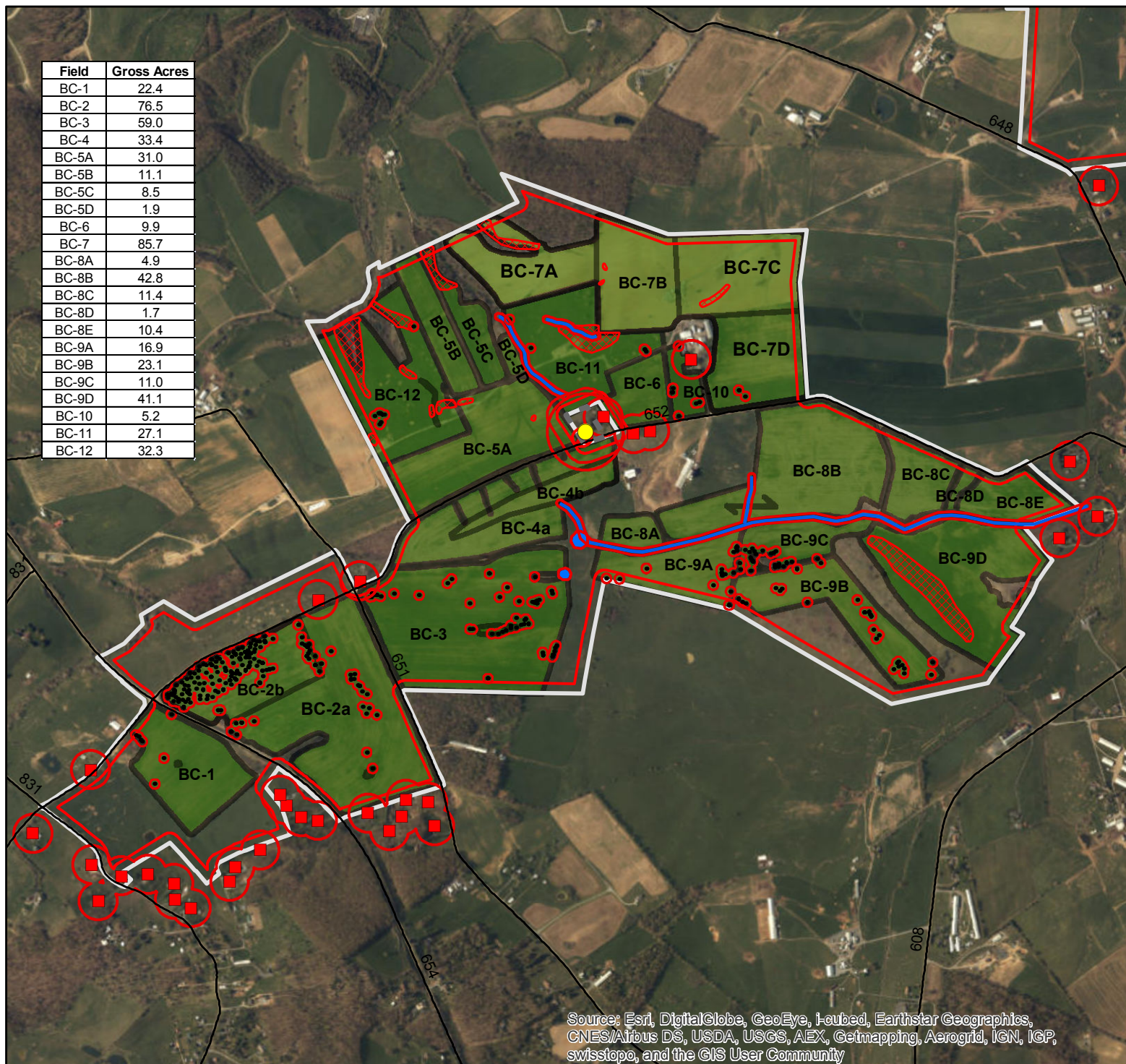
# Sensitive Soils Map for NMP BC Fields





- BOCOCK Houses (200 ft buffer)
- ▲ BOCOCK Wells (100 ft buffer)
- BOCOCK Rocks (50 ft buffer)
- BOCOCK Odor Sensitive Receptors (400 ft buffer)
- Public Roads (10 ft buffer)
- BOCOCK Streams (100 ft buffer, 35 ft vegetated)
- BOCOCK Public Property Line (200 ft buffer)
- BOCOCK Property Lines (100 ft buffer)
- BOCOCK Ponds (100 ft buffer, 35 ft vegetated)
- ▨ BOCOCK Steep Land
- BOCOCK Fields

Field	Gross Acres
BC-1	22.4
BC-2	76.5
BC-3	59.0
BC-4	33.4
BC-5A	31.0
BC-5B	11.1
BC-5C	8.5
BC-5D	1.9
BC-6	9.9
BC-7	85.7
BC-8A	4.9
BC-8B	42.8
BC-8C	11.4
BC-8D	1.7
BC-8E	10.4
BC-9A	16.9
BC-9B	23.1
BC-9C	11.0
BC-9D	41.1
BC-10	5.2
BC-11	27.1
BC-12	32.3



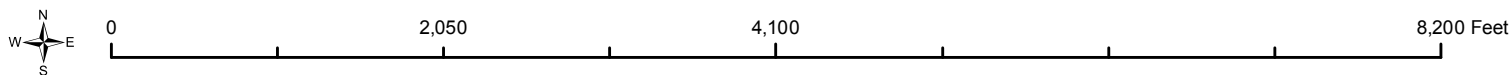
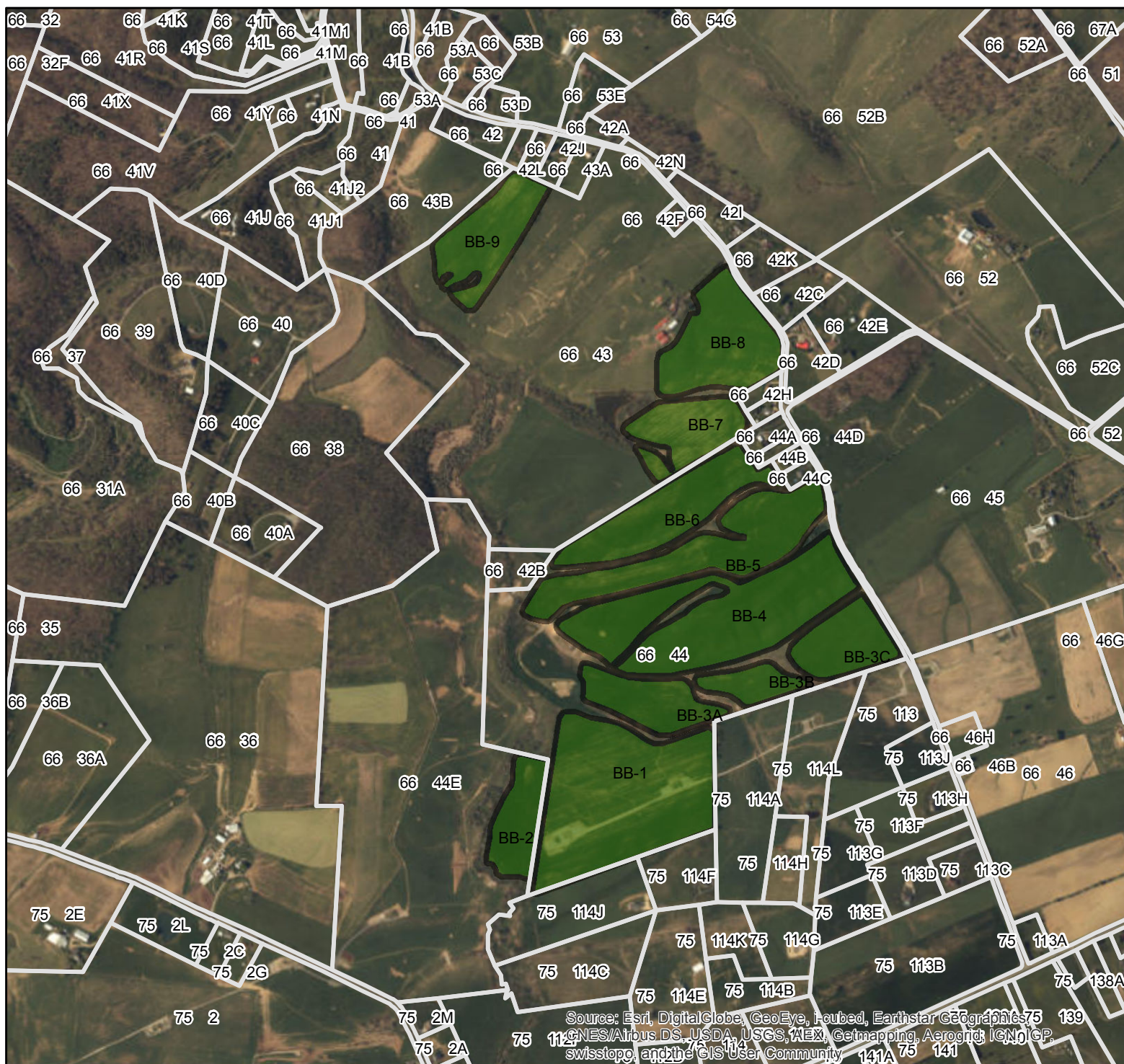
Source: Esri, DigitalGlobe, GeoEye, I-cubed, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community



- BOCOCK Houses (200 ft buffer)
- ▲ BOCOCK Wells (100 ft buffer)
- BOCOCK Rocks (50 ft buffer)
- BOCOCK Odor Sensitive Receptors (400 ft buffer)
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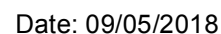
Site: BOCOCK  
Owner: Allan and Linda Bocock  
Operator: Steve Fitzgerald

Tax Map  
BC Fields

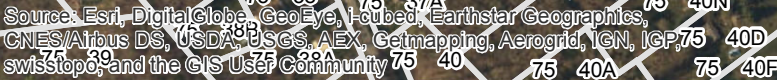


Date: 09/05/2018

## Tax Map BC Fields

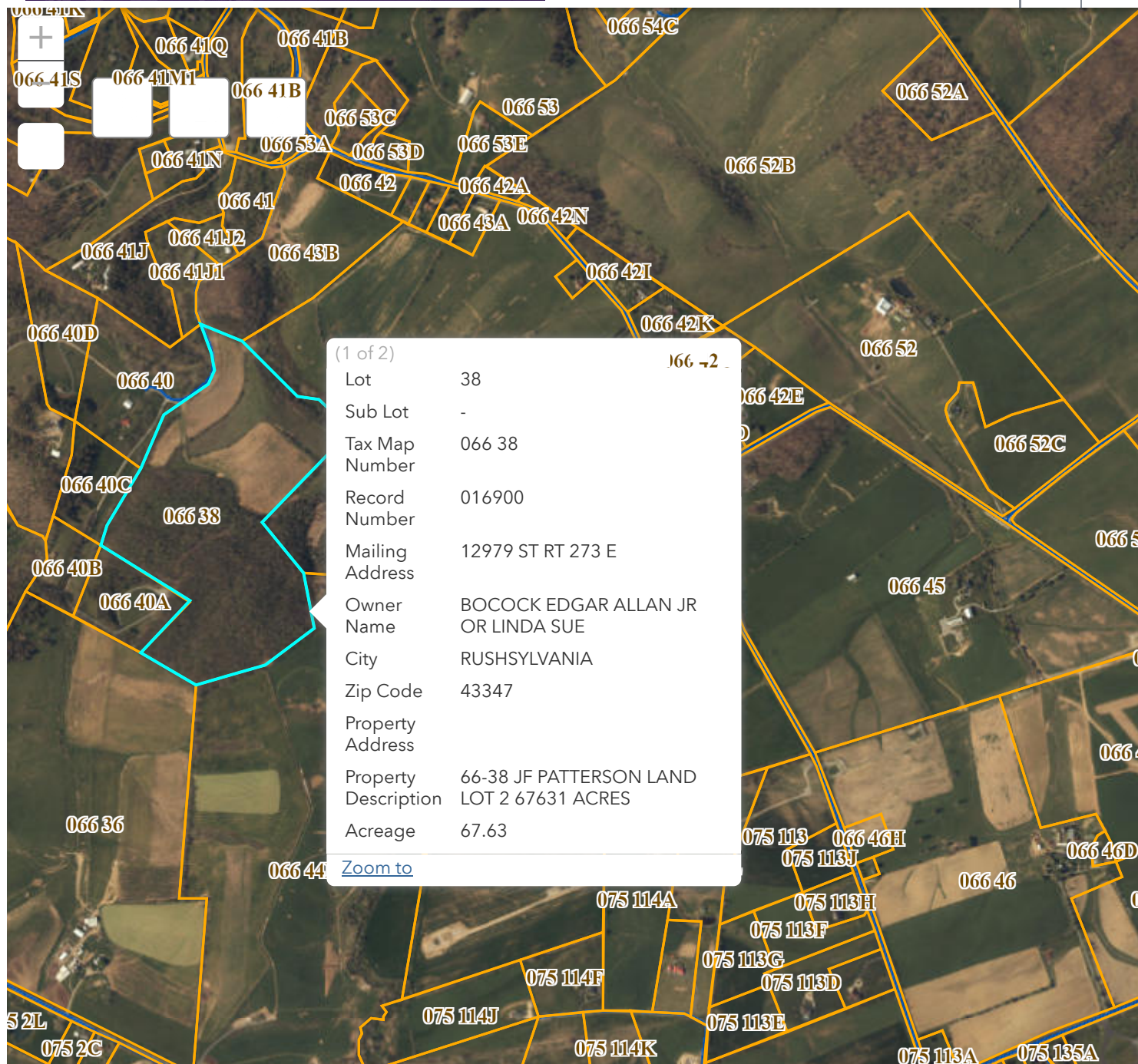


Tax Map  
BC Fields - south detail



**Houff**  
CORPORATION

## Address and Parcel Viewer



0.2mi

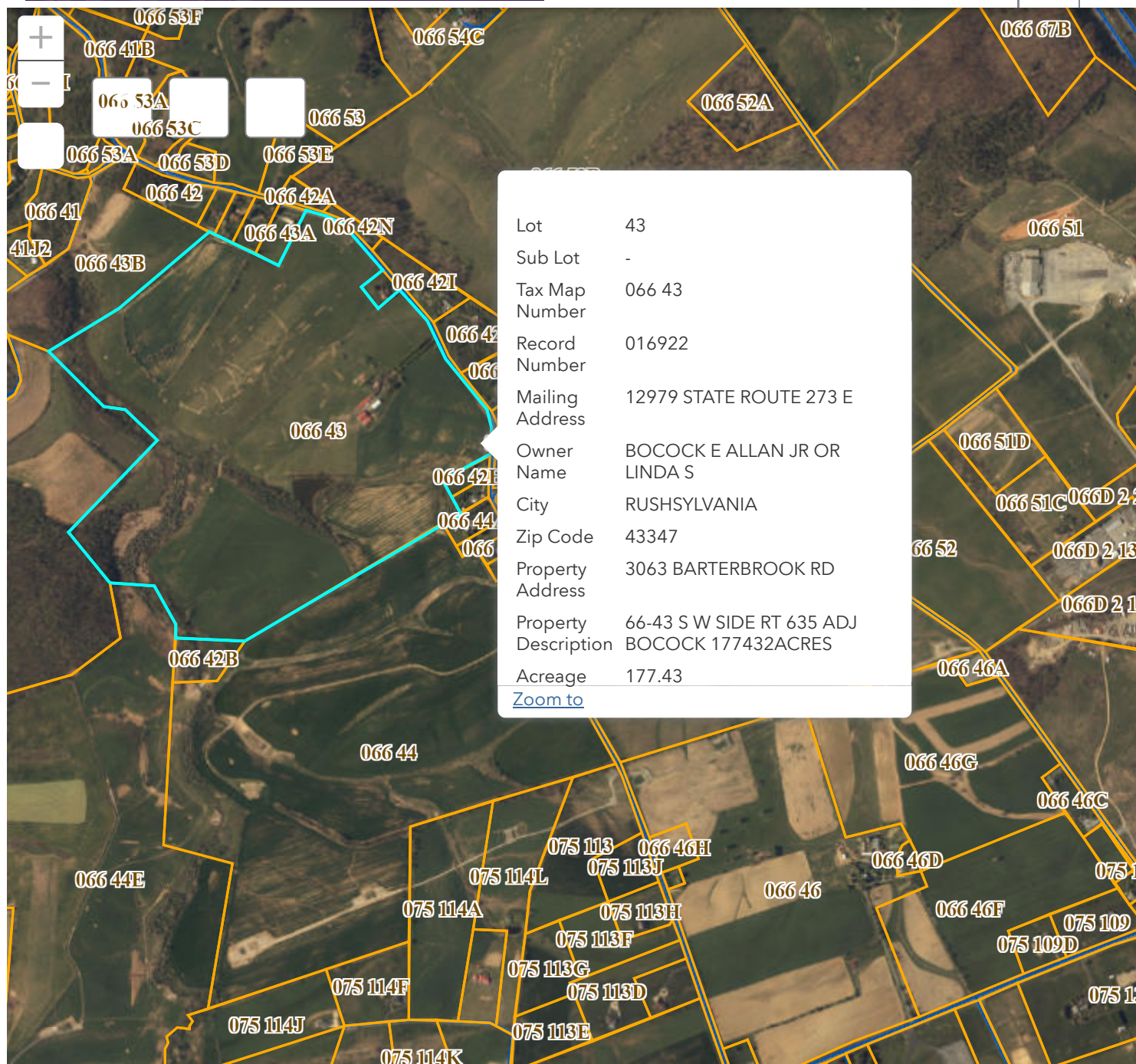
38.092 -78.981 Degrees

## AUGUSTA COUNTY, VA

## Address and Parcel Viewer



## Address and Parcel Viewer

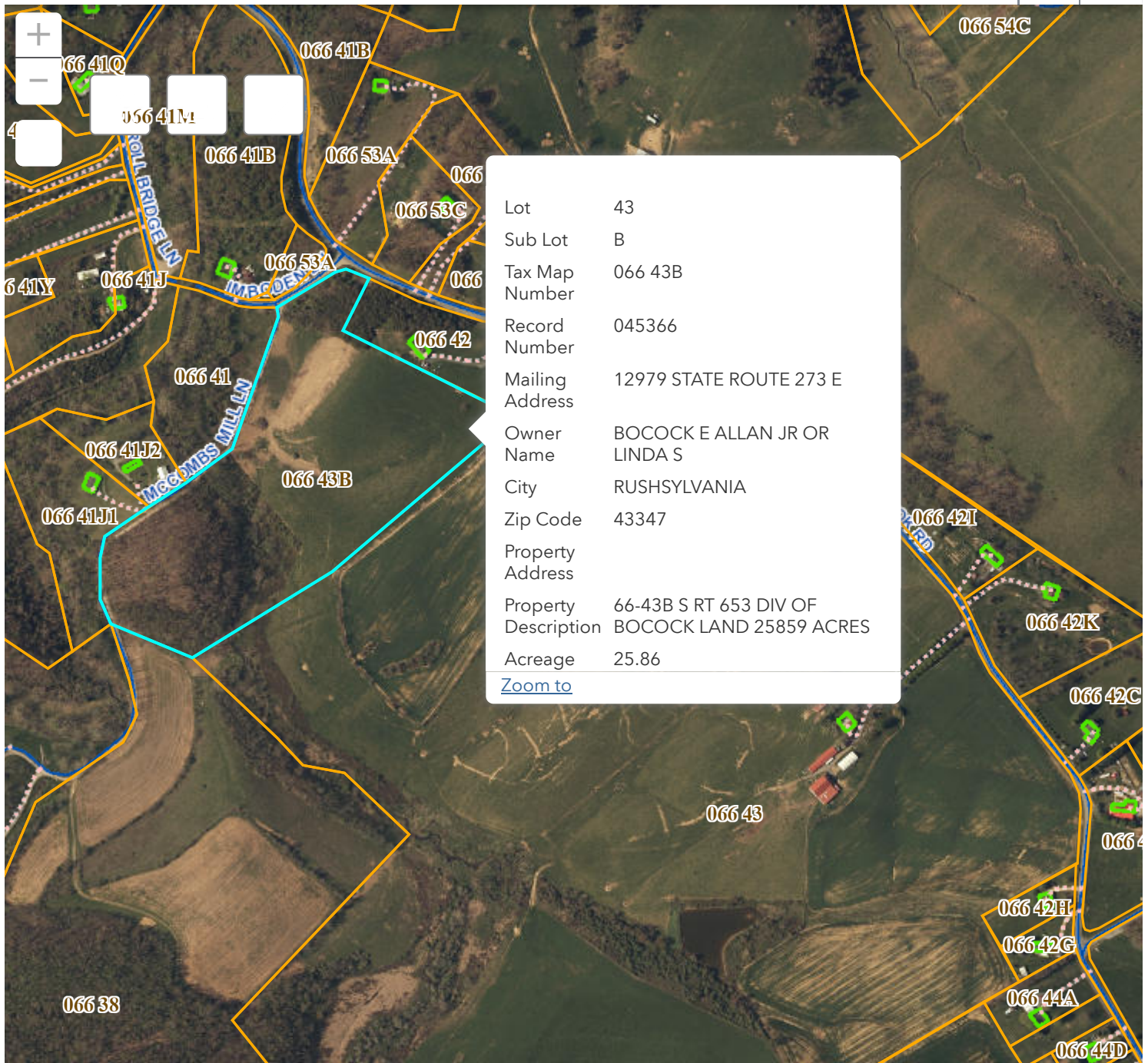


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38.092 -78.977 Degrees

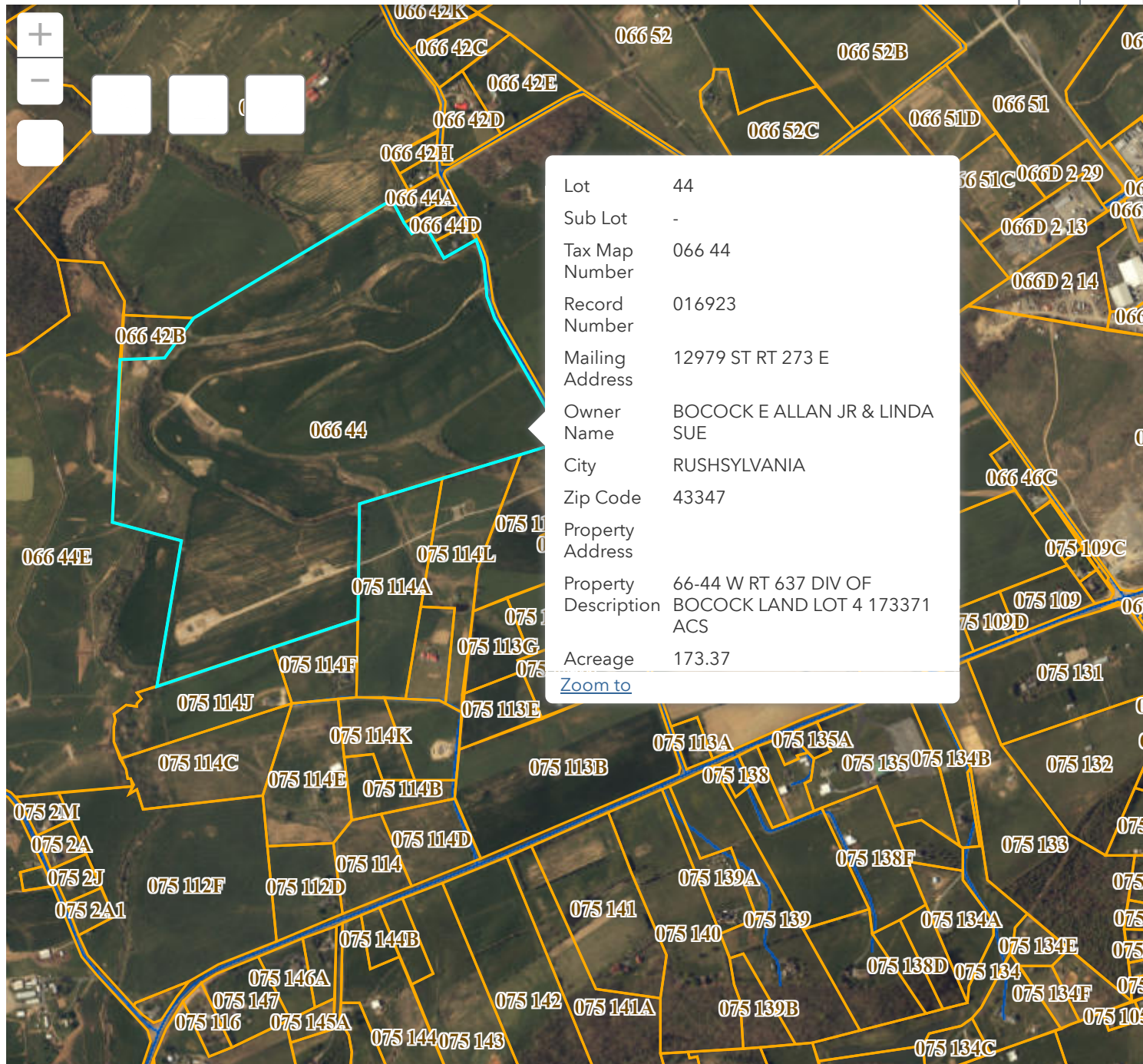
# AUGUSTA COUNTY, VA

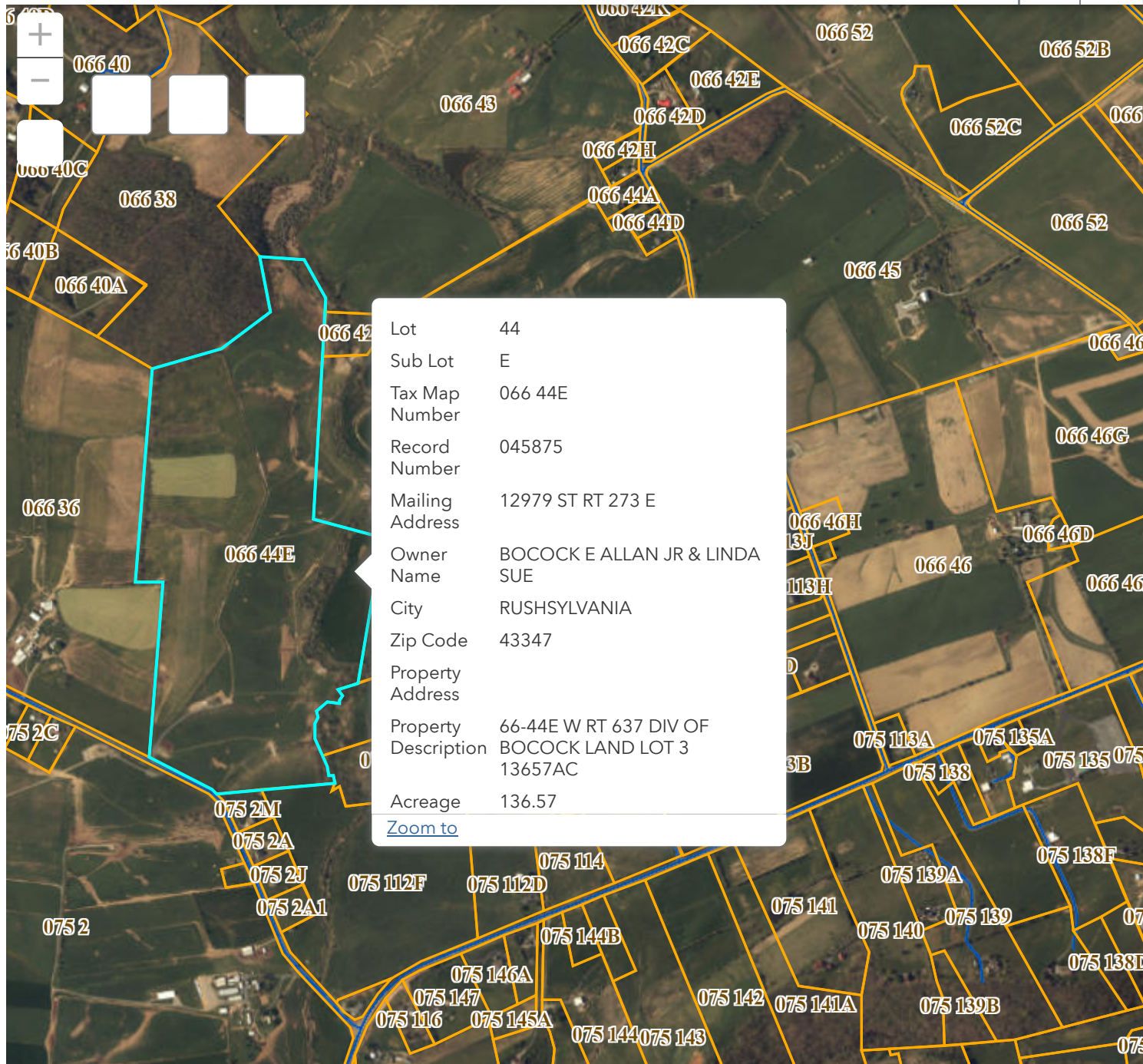
## Address and Parcel Viewer



600ft

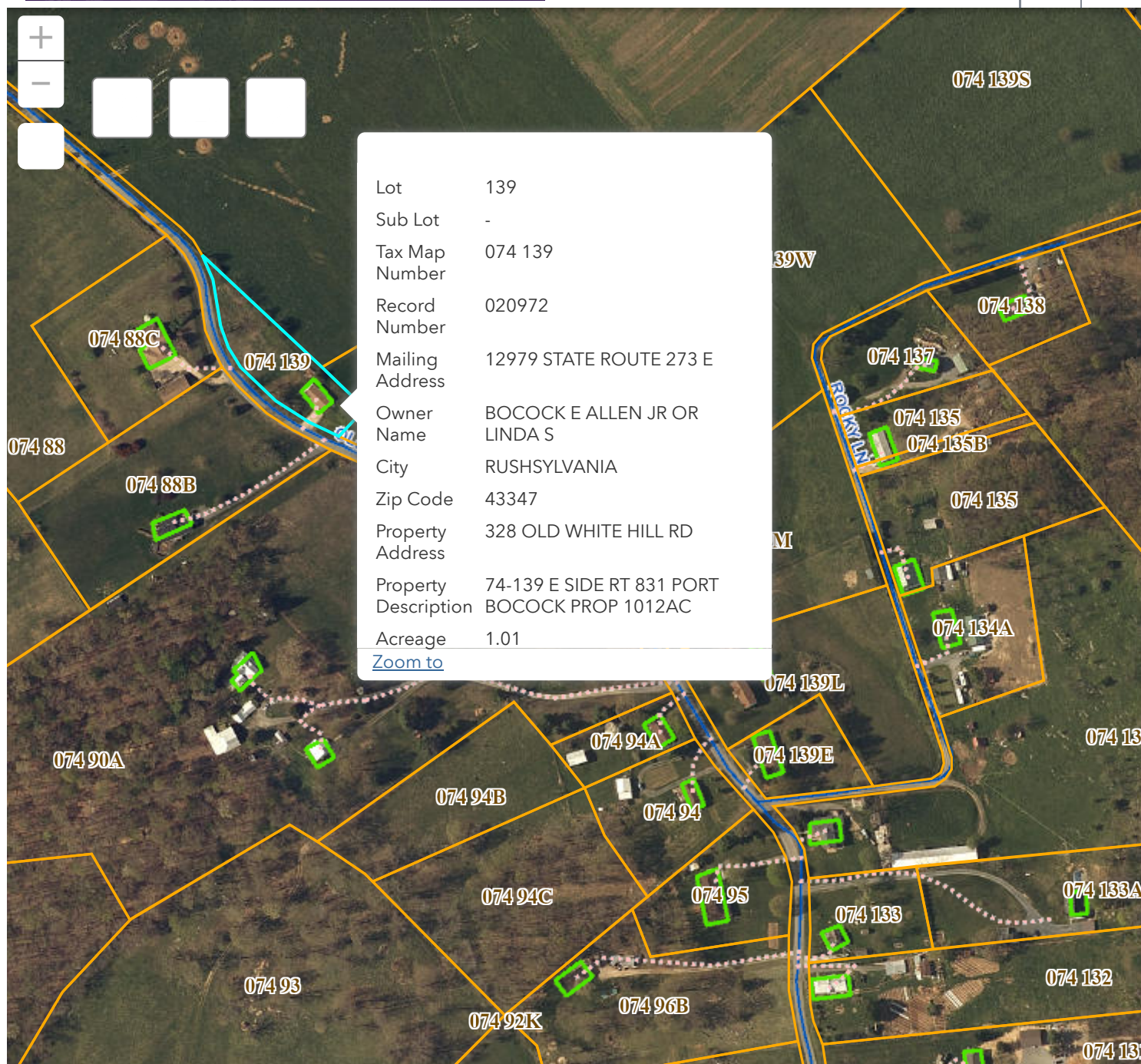
38.094 -79.006 Degrees





## AUGUSTA COUNTY, VA

## Address and Parcel Viewer



AUGUSTA COUNTY, VA

Address and Parcel Viewer



AUGUSTA COUNTY, VA

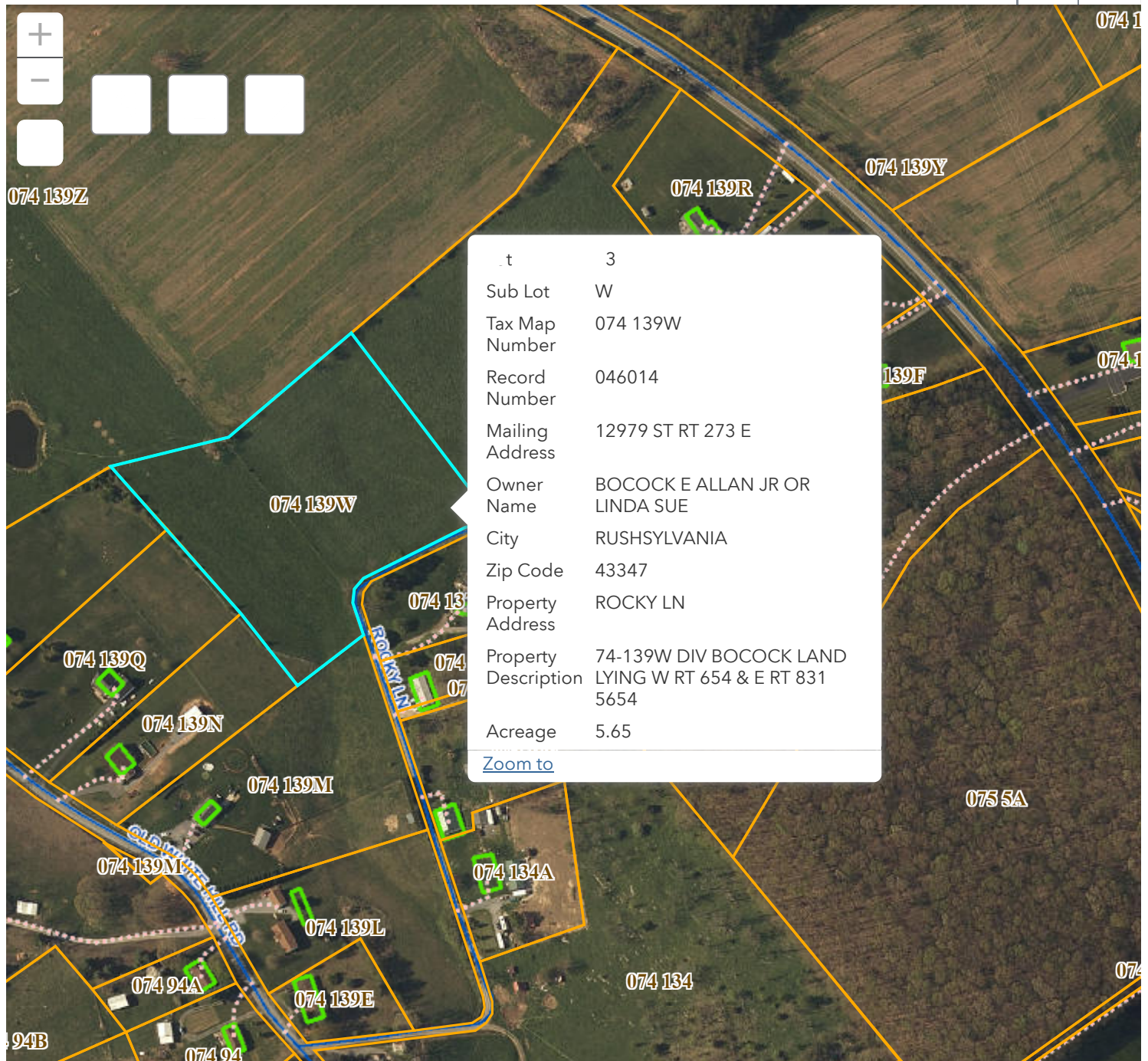
Address and Parcel Viewer



300ft  
38.055 -79.049 Degrees

# AUGUSTA COUNTY, VA

## Address and Parcel Viewer



300ft

38.055 -79.051 Degrees

AUGUSTA COUNTY, VA

Address and Parcel Viewer



## Address and Parcel Viewer



Sub Lot	Y
Tax Map Number	074 139Y
Record Number	046701
Mailing Address	12979 STATE ROUTE 273 E
Owner Name	BOCOCK E ALLEN JR OR LINDA S
City	RUSHSYLVANIA
Zip Code	43347
Property Address	
Property Description	74-139Y INT RT 652 & 654 PORT BOCOCC PROP 38008AC
Acreage	38.01

Zoom to

600ft

38.059 -79.037 Degrees

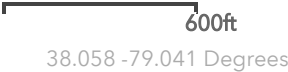
AUGUSTA COUNTY, VA

Address and Parcel Viewer



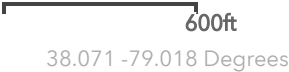
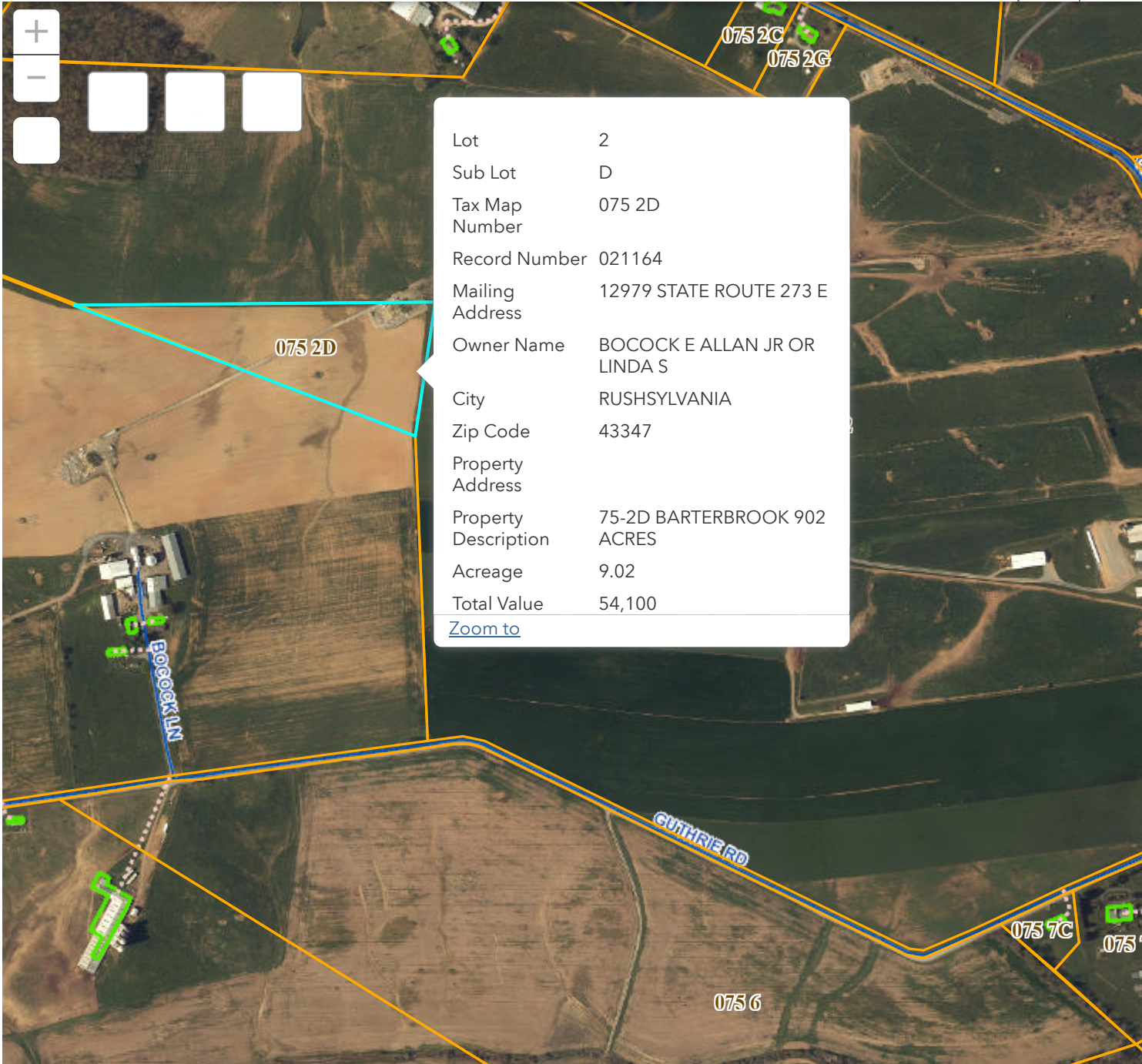
AUGUSTA COUNTY, VA

Address and Parcel Viewer



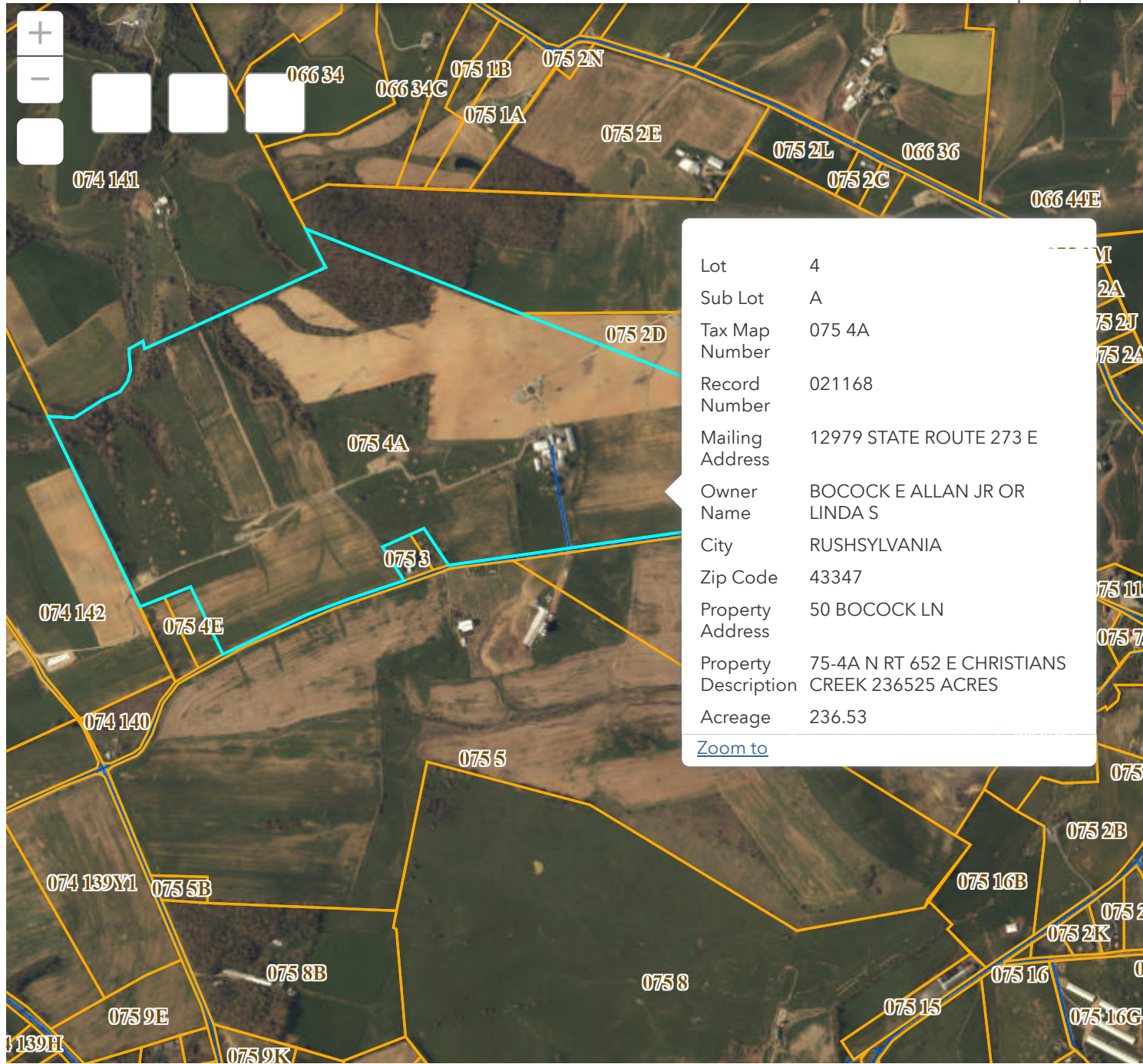
AUGUSTA COUNTY, VA

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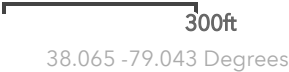
AUGUSTA COUNTY, VA

Address and Parcel Viewer



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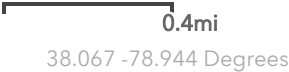
AUGUSTA COUNTY, VA

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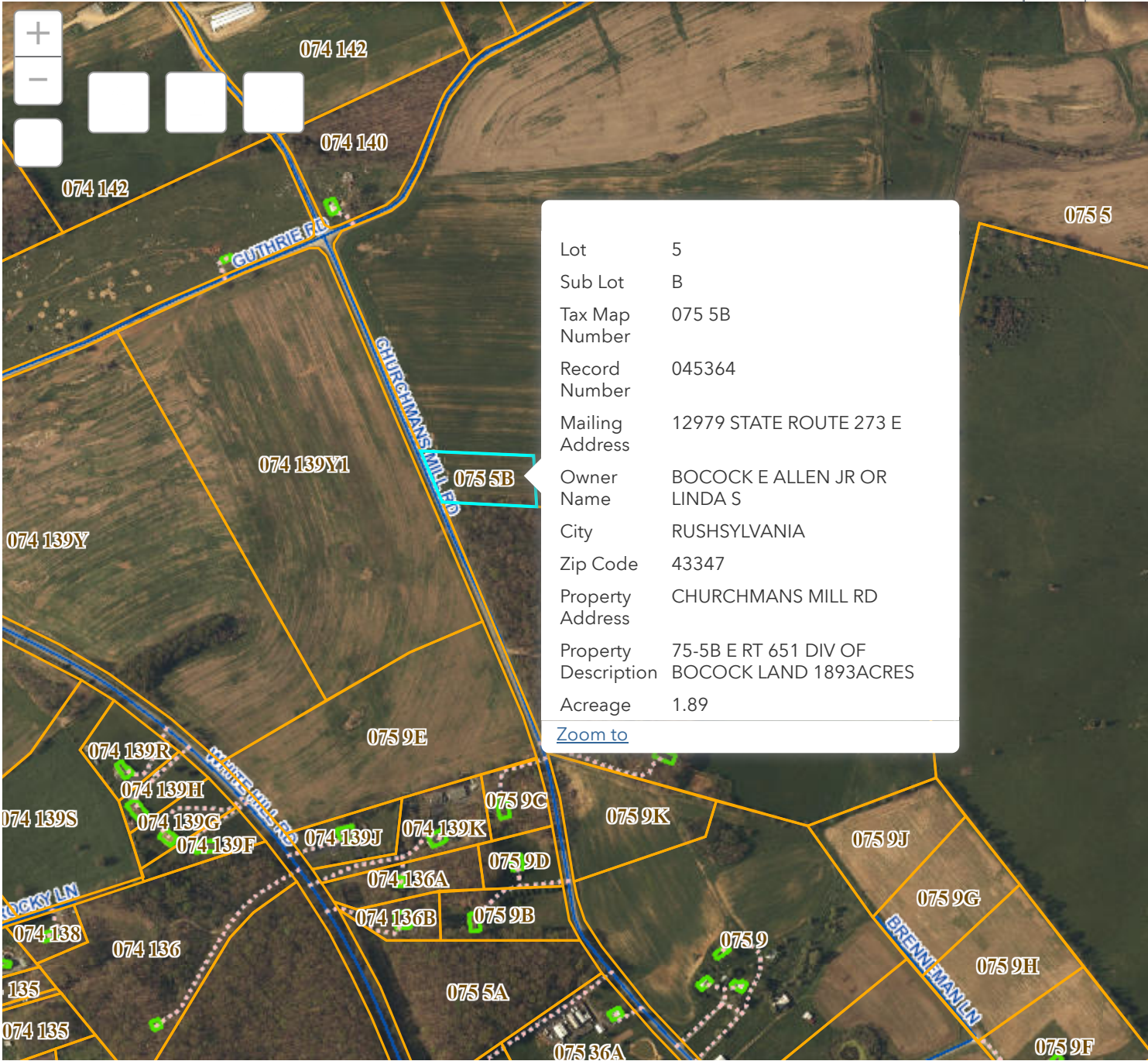
AUGUSTA COUNTY, VA

Address and Parcel Viewer



AUGUSTA COUNTY, VA

Address and Parcel Viewer

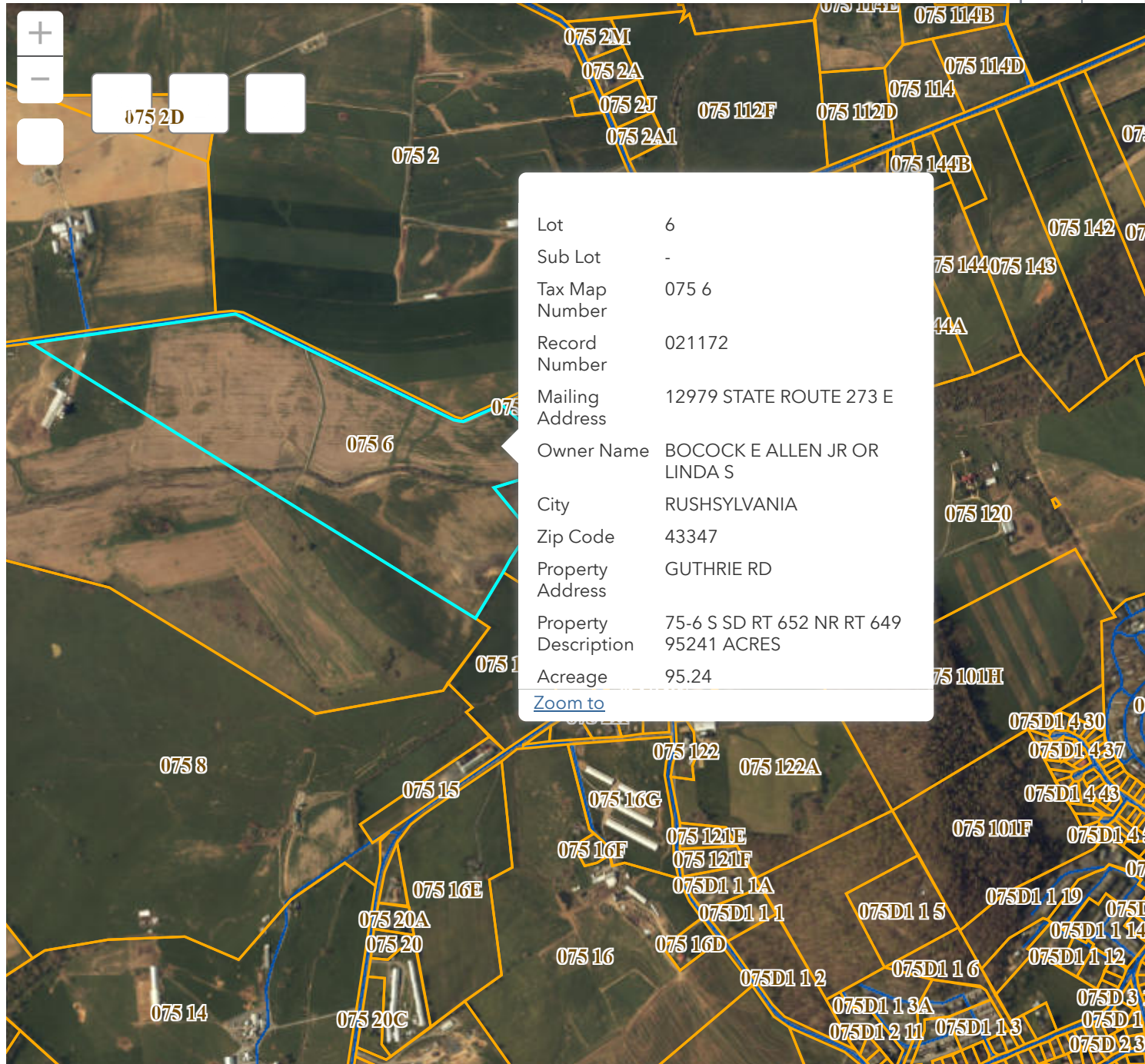


Lot	5
Sub Lot	B
Tax Map Number	075 5B
Record Number	045364
Mailing Address	12979 STATE ROUTE 273 E
Owner Name	BOCOCK E ALLEN JR OR LINDA S
City	RUSHSYLVANIA
Zip Code	43347
Property Address	CHURCHMANS MILL RD
Property Description	75-5B E RT 651 DIV OF BOCOCK LAND 1893ACRES
Acreage	1.89

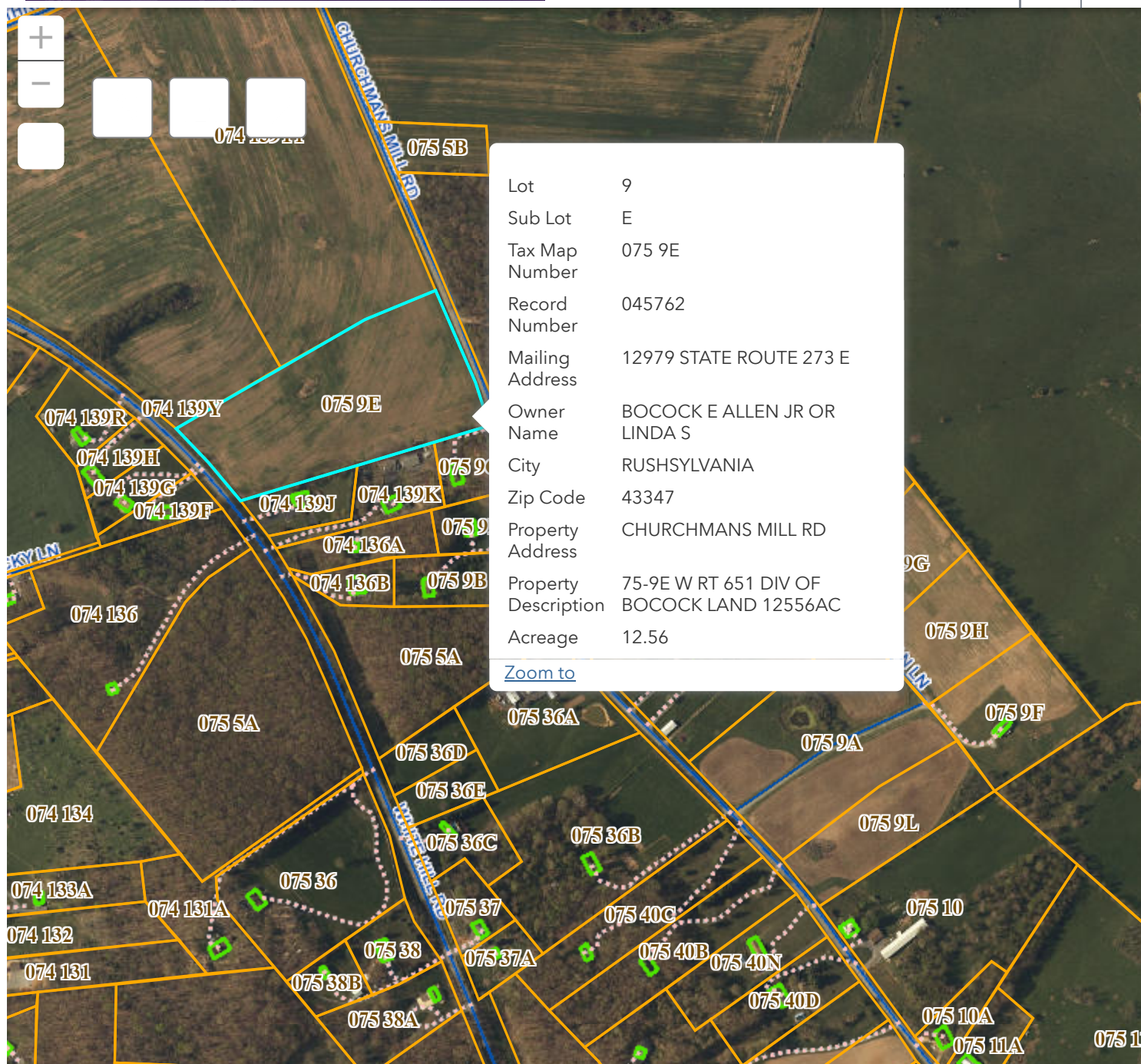
[Zoom to](#)

AUGUSTA COUNTY, VA

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## Address and Parcel Viewer



600ft

38.057 -79.033 Degrees